PAMS Technical Documentation
NSM–3/3D Series Transceivers

Product Variants

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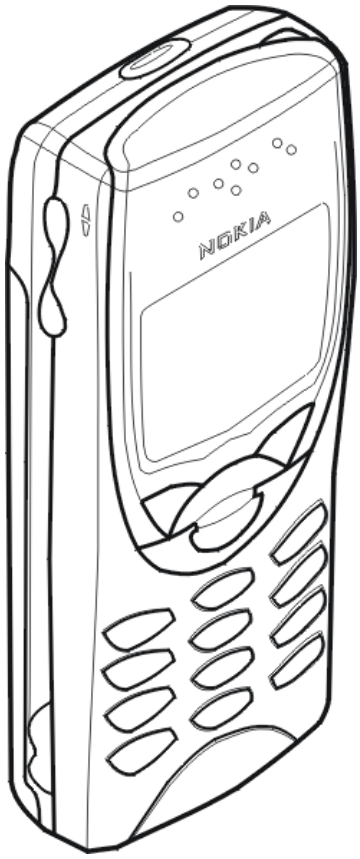
Transceiver NSM–3NX



The NSM–3NX is a dual band transceiver unit designed for the GSM900 (including EGSM) and GSM1800 networks. It is both GSM900 phase 2 power class 4 transceiver (2W) and GSM1800 power class 1 (1W) transceiver.

The plug–in SIM (Subscriber Identity Module) card is located inside the phone. SIM card is accessed after removal of battery cover.

NOTE: The Service Manual is intended for use by qualified service personnel only.

Modules

Transceiver NSM–3NX Basic Red	0503139
• system module RM7L	0201386
• mechanics MNSM3	0261995
Transceiver NSM–3NX Basic APAC	0502688
• system module RM7L	0201386
• mechanics MNSM3	0262152

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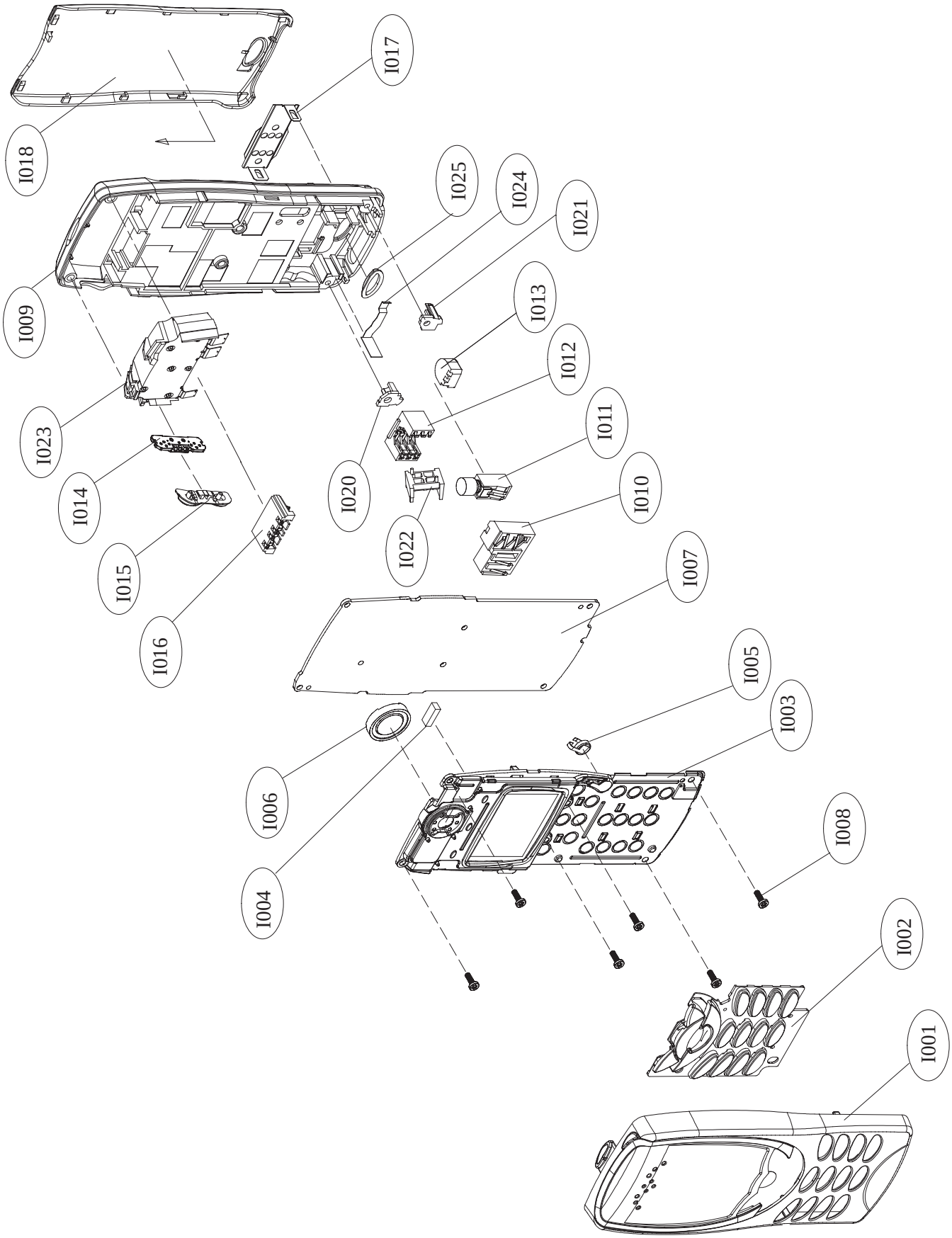
Exploded View of Transceiver NSM–3NX



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Assembly Parts of NSM–3NX

CIRCUIT REF./ ITEM	Q'TY	CODE	DESCRIPTION	VALUE, TYPE
I001		9456651	A–cover assy	DMC02343
I002		9790398	Keymat module, basic	DMC02324
I002	alt	9790403	Keymat module	
I002	alt	9790402	Keymat module	
I003		9490576	LCD module assy	
I004		5407805	Connector elastomer Ag/Si	
I005		4700127	RTC battery	
I006		5140067	Speaker + spring 103±3 dB	
I007		0201386	RM7L radio module	
I008	6	6150029	Screw M1.6x4.5 flat head 0.8mm **(Use 17 Ncm torque)**	
I009		9490091	B–cover assy	DMC02341
I010		5409095	DC & HS connector	
I011		6800041	Vibra motor assy	
I012		5409117	SIM connector	
I013		5140175	Microphone+holder+springs	
I014		5219019	Voulume switch up/down	
I015		9790397	Voulume key	DMD05078
I016		5409093	Battery connector 4 pole	
I017		9560085	SIM spring	DMD05211
I018		9456594	Battery cover assy (incl. logo)	DMC02482
I020		9460327	A–cover fixing left	DMD05127
I021		9460328	A–cover fixing right	DMD05128
I022*		9660147	Twin Rip	DMD06257
I023		0660196	Antenna EGSM/PCN	
I024		9510545	Battery latch spring	DMD05129
I025		9451601	Battery latch	DMD05083

* Note: Added to the phone in case of Bottom Conector related service required.

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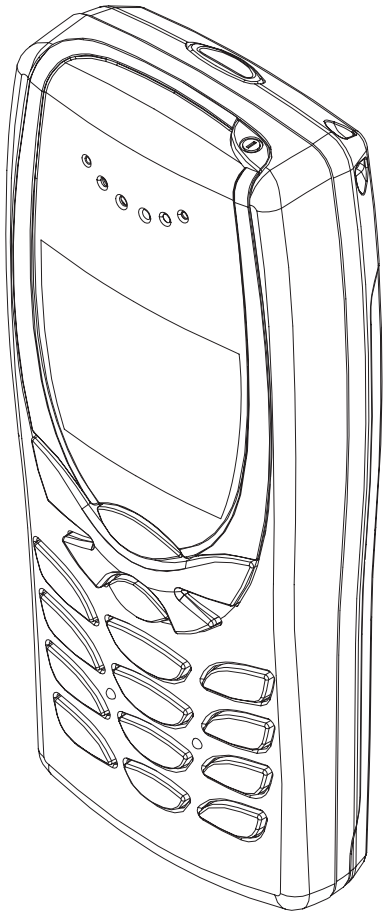
Transceiver NSM–3DX



The NSM–3DX phone is mainly an A–cover variant from the NSM–3NX phone.

The NSM–3DX is a dual band phone designed for the E–GSM900 and GSM1800 networks. It is both, GSM900 power class 4 transceiver (2W) and GSM1800 power class 1 (1W) transceiver and it is based on GSM phase 2+ specification.

The plug–in SIM (Subscriber Identity Module) card is located inside the phone. SIM card is accessed after removal of battery cover.

NOTE: The Service Manual is intended for use by qualified service personnel only.

Modules

Transceiver NSM–3DX APAC	0504747
• system module RM7LD	0201682
• mechanics MNSM3	0262379

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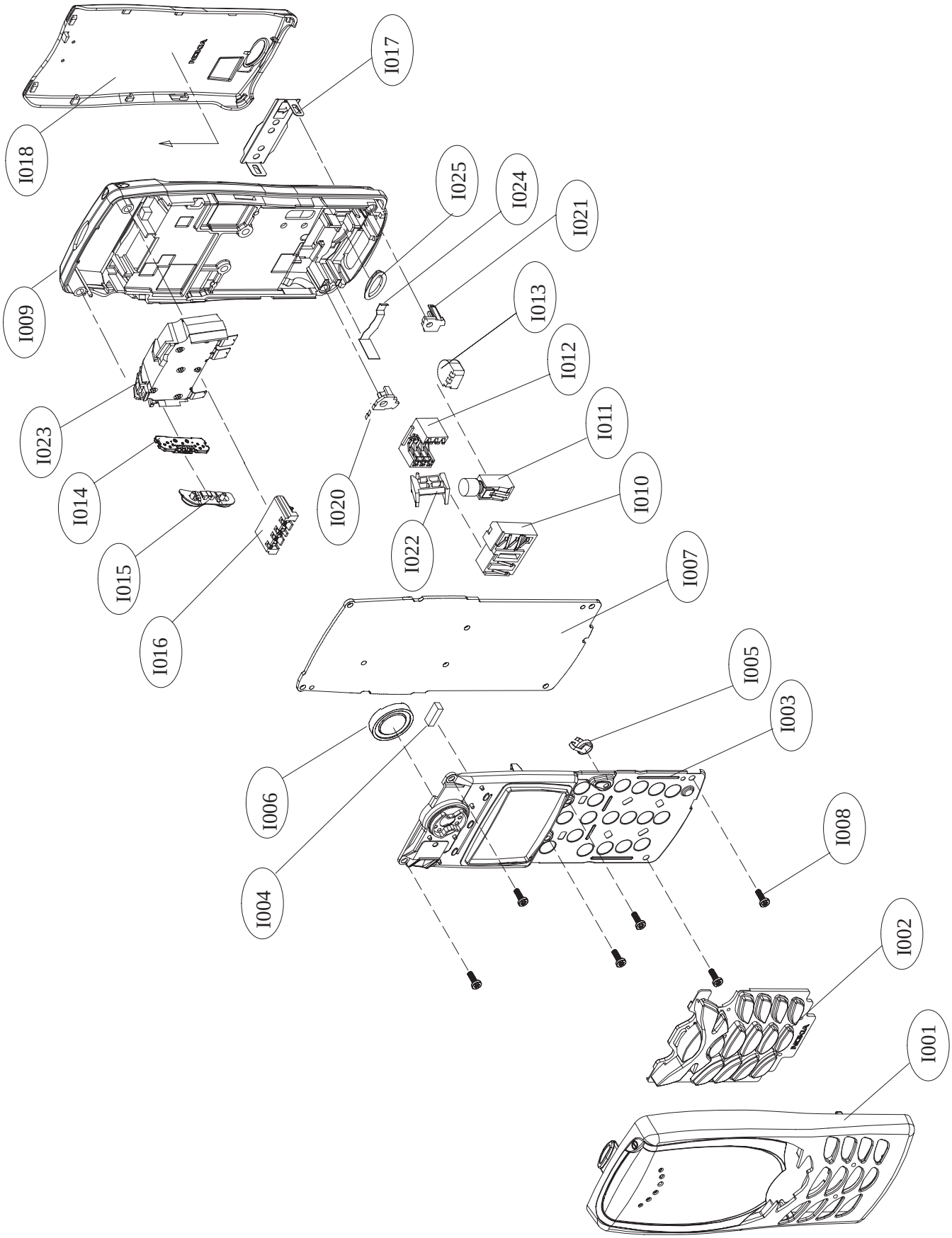
Exploded View of Transceiver NSM–3DX



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Assembly Parts of NSM–3DX

CIRCUIT REF./ ITEM	Q'TY	CODE	DESCRIPTION	VALUE, TYPE
I001		9458046	A–cover assy	DMC03233
I002		9790470	Keymat module, basic	DMC03232
I002	alt	9790482	Keymat module	Bopomofo
I002	alt	9790483	Keymat module	Stroke
I003		9490575	LCD module assy	
I004		5407805	Connector elastomer Ag/Si	
I005		4700127	RTC battery	
I006		5140067	Speaker + spring 103±3 dB	
I007		0201682	RM7LD radio module	
I008	6	6150029	Screw M1.6x4.5 flat head 0.8mm **(Use 17 Ncm torque)**	
I009		9490244	B–cover assy	DMC03273
I010		5409095	DC & HS connector	
I011		6800041	Vibra motor assy	
I012		5409155	SIM connector	
I013		5140175	Microphone+holder+springs	
I014		5219019	Voulume switch up/down	
I015		9790397	Voulume key	DMD05078
I016		5409093	Battery connector 4 pole	
I017		9560085	SIM spring	DMD05211
I018		9458047	Battery art cover assy (incl. logo)	NSM–3D
I020		9460327	A–cover fixing left	DMD05127
I021		9460328	A–cover fixing right	DMD05128
I022		9660147	Twin Rip	DMD06257
I023		0660196	Antenna EGSM/PCN	
I024		9510545	Battery latch spring	DMD05129
I025		9451601	Battery latch	DMD05083

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